



A Furukawa Company

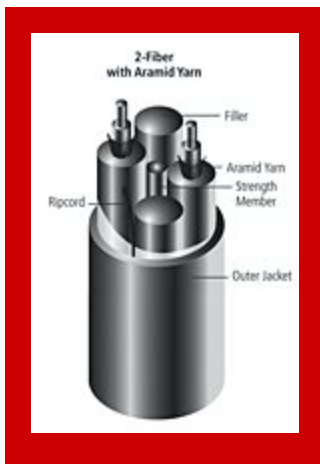
Your Optical Fiber Solutions Partner®

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Item # C26644, 2-Fiber Waterblocked LSZH 50/200/230 Breakout GiHCS® Cable

These versatile low smoke zero halogen (LSZH) 2.5 mm cables, based on GiHCS fiber, have a broader range of installation environments than either indoor or outdoor cable. LSZH construction makes them suitable for indoor riser installations in enclosed or sealed locations. They are also sufficiently insulated to endure the transition areas from the indoors to the outdoors, such as at electrical substations, or poorly insulated semi-outdoor locations, such as wind turbine towers.

+ more



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Optical Properties

Type	Multimode Graded-Index
Attenuation	@ 1300 nm, ≤ 1.5 dB/km @ 850 nm, ≤ 3.5 dB/km
Fiber Specifications	<u>F16496</u> , 50 µm GiHCS® Optical Fibers

Cable Design

Fiber Core Diameter	50 µm
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Fiber Geometry	50/200/230 μ m
Construction	2-Fiber Waterblocked
Specialty Testing [Cyclic flexing]	> 500 cycles
Sub-Unit Diameter	2.5 mm
Outer Cable Diameter	8.0 mm
Cable Weight	45.0 kg/km
Outer Jacket Color	Black
Outer Jacket Material	LSZH
Strength Member	Aramid Yarn

Installation and Usage Specifications

Installation Load Maximum	310 lb 1379 N
Operating Load Maximum	155 lb 689 N
Minimum Bend Installation	120 mm
Minimum Bend Operating	80 mm
Operating Temperature	-20 to +80 $^{\circ}$ C
Storage Temperature	-20 to +80 $^{\circ}$ C
Intended Location	Indoor Outdoor

Fire Safety Testing

Qualified to the following US, Canadian and International Standards	Qualified to the following US, Canadian and International Standards. OFSNR/FT-4 Riser, US and Canadian UL 1666, Flammability IEC 60332-3 (for zipcord, 2-fiber & 4-fiber cables), smoke density IEC 61034, Halogen Gas Emissions IEC 60745-1, Acid Gas Emissions IEC 60745-2
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Ordering Information

Product Description Code	HCU-MF050T-A02ZB
Order From Location	AVON LOCATION 1.888.438.9936 toll-free in the United States and Canada 1.860.678.0371 from outside the U.S.A. 55 Darling Drive

Avon, CT 06001, USA

Order By Item #

C26644

Note

The operating temperature ranges are general guidelines. Consult with our Technical Sales department to determine the optimal coating and jacketing material for your specific application. 1.860.678.6636

Typical Applications

Typical Applications

Electrical Substation Automation and Controls
Factory Automation
Industrial Networks
Railway Station Automation and Controls
Windpower Automation and Controls

Crimp & Cleave Compatibility

Crimp & Cleave Compatibility

SC Connectors
SMA Connectors
ST Connectors